

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) Dermal or transdermal therapeutic system comprising a sheet-like substrate or reservoir containing readily volatile auxiliary agents or active agents, which substrate or reservoir is covered on one of its sides with a backing layer impermeable to the ingredients and on the opposite side with a detachable, likewise impermeable protective layer to prevent loss of ingredients during prolonged storage, ~~characterized in that~~ wherein

both the backing layer and the protective layer are made of plastic film which is impermeably coated on both sides with vapour-deposited metal.

2. (Currently Amended) ~~The Therapeutic therapeutic~~ system according to ~~Claim claim~~ 1, ~~characterized in that~~ wherein the amount of metal which is vapour-deposited per unit area is preferably 10 to 500 mg/m², and more preferably 40 to 200 mg/m².

3. (Currently Amended) ~~The Therapeutic therapeutic~~ system according to ~~Claim claim~~ 1, ~~characterized in that~~ wherein the vapour-deposited metal is aluminium.

4. (Currently Amended) ~~The Therapeutic therapeutic~~ system according to ~~Claim claim~~ 1, ~~characterized in that~~ wherein the plastic films of the protective layer, which are provided with a vapour-deposited metal layer, are rendered adhesive on at least one side.

5. (Currently Amended) ~~The Therapeutic~~ therapeutic system according to ~~Claim~~ claim 1, ~~characterized in that wherein~~ the plastic films are selected from the group of polyester, polyethylene, polypropylene, polyamide, polyurethane, polyvinyl chloride, polyvinylidene chloride, polyvinyl alcohol and ethylene-vinyl acetate copolymer.

6. (Currently Amended) ~~The Therapeutic~~ therapeutic system according to ~~Claim~~ claim 1, ~~characterized in that wherein~~ the plastic films have a thickness between 0.004 to 1.0 mm, ~~preferably between 0.010 and 0.5 mm.~~

7. (Currently Amended) ~~The Therapeutic~~ therapeutic system according to ~~Claim~~ claim 1, ~~characterized in that wherein it~~ the sheet-like substrate or reservoir contains nitroglycerine as an ingredient.

8. (Currently Amended) ~~The Therapeutic~~ therapeutic system according to ~~Claim~~ claim 1, ~~characterized in that wherein it~~ the sheet-like substrate or reservoir contains nicotine as an ingredient.

9. (Currently Amended) ~~A Process~~ process for the manufacture of plastic films, provided with a vapour-deposited metal layer, for the transdermal therapeutic ~~systems~~ system according to ~~Claim~~ claim 1, ~~characterized in that wherein~~ to obtain absolutely impermeable

double-face metal layers, the vapour deposition is performed under high vacuum in at least one operation.

10. (Currently Amended) ~~A Process~~ process for the manufacture of plastic films, provided with a vapour-deposited metal layer, for the transdermal therapeutic ~~systems~~ system according to ~~Claim~~ claim 1, ~~characterized in that~~ wherein to obtain absolutely impermeable metal layers, the vapour deposition is performed with the aid of a plasma in at least one operation.

11. (Canceled)

12. (New) The therapeutic system according to claim 2, wherein the amount of metal which is vapour-deposited per unit area is 40 to 200 mg/m².

13. (New) The therapeutic system according to claim 6, wherein the plastic films have a thickness preferably between 0.010 to 0.5 mm.